

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 January 2003 (30.01.2003)

PCT

(10) International Publication Number
WO 03/008920 A2

(51) International Patent Classification⁷: **G01K**
(21) International Application Number: PCT/US02/22212
(22) International Filing Date: 15 July 2002 (15.07.2002)
(25) Filing Language: English
(26) Publication Language: English
(30) Priority Data:
01244854.0 15 July 2001 (15.07.2001) CN
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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

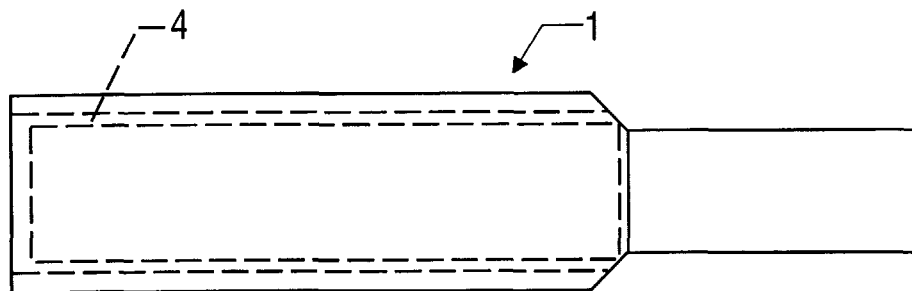
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Published:
— *without international search report and to be republished upon receipt of that report*

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: THERMOCOUPLE PROTECTION TUBE



(57) Abstract: A thermocouple protection tube is designed such that it is capable of adjusting the length of thermocouple inside reactor after assembly. The design includes an outer casing, an inner casing and a means for fixing the relative position of the outer casing and the inner casing. The inner casing is positioned relative to, and within the outer casing. The fixing means temporarily fixes the relative position of inner casing and outer casing. The disclosed design permits the adjustment of the thermocouple length inside thermocouple protection tube according to the relative thickness the refractory lining inside reactor.



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